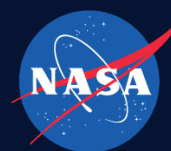


Pop-Up Flat Folding Explorer Robotics (PUFFER) Project

Game Changing Development Program | Space Technology Mission

Directorate (STMD)



ANTICIPATED BENEFITS

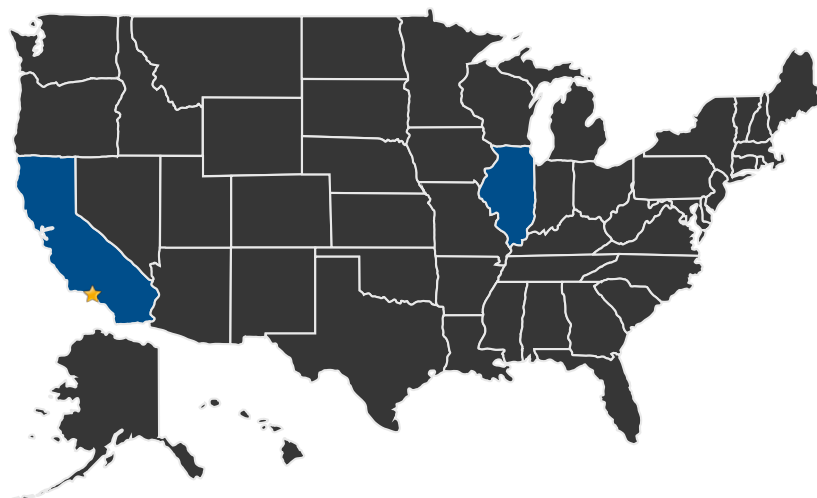
To NASA funded missions:

The PUFFER technology provides a simple, low-cost robotic mission enhancement for accessing new high-value extreme terrains that are beyond the scope of the primary mission. In this way, PUFFER extends the scientific yield of future NASA missions with little added cost and minimal burden. Currently funded NASA missions that can benefit from carrying add-on PUFFERs include the Mars 2020 rover and Europa lander.

DETAILED DESCRIPTION

PUFFER is a low-volume, low-mass, low-cost mission enhancement for high-reward extreme terrain science

U.S. WORK LOCATIONS AND KEY PARTNERS



■ U.S. States
With Work

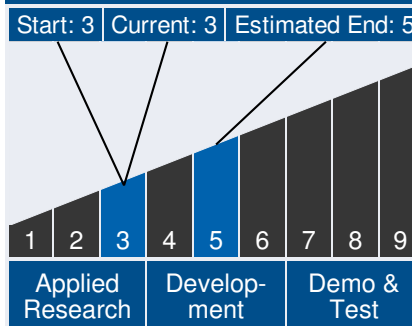
★ **Lead Center:**
Jet Propulsion Laboratory



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Technology Maturity



Management Team

Program Executive:

- Lanetra Tate

Program Manager:

- Mary Wusk

Project Manager:

- Jaakko Karras

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Other Organizations Performing Work:

- Distant Focus Corp.
- University of California at Berkeley

Technology Areas

Primary Technology Area:

Robotics and Autonomous
Systems (TA 4)

└─ Mobility (TA 4.2)

└─ Small-Body and
Microgravity Mobility (TA
4.2.4)

└─ Wheeled/Tracked/Hybrid
Robots (TA 4.2.4.4)

DETAILS FOR TECHNOLOGY 1
